We claim:

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- 1. An aqueous synfuel composition for use as an additive to combustible materials to facilitate complete combustion, said aqueous composition comprising 1.0% weight of polyvinyl alcohol, 10.0 to 35% by weight of a hydrocarbon wax and the balance of water, wherein all weight percentages are based on the total weight of the composition.
- 2. An aqueous synfuel composition as claimed in claim 1 which is in the form of an emulsion.

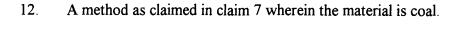
An aqueous synfuel composition as claimed in claim 1 wherein the hydrocarbon wax is selected from the group consisting of paraffin wax, slack wax, microcrystalline wax, olefinic wax-like materials and mixtures thereof.

4. An aqueous synfuel composition as claimed in claim 1 which comprises 2 to 5% by weight of polyvinyl alcohol, 15 to 30% weight of a hydrocarbon wax, 0 to 0.5% of a biocide and the balance of water.

5. An aqueous synfuel composition as claimed in claim 4 which comprises 2 to 4.5% by weight of polyvinyl alcohol, 16 to 26% by weight of a hydrocarbon wax, 0 to 0.10% by weight of a biocide and the balance of water.

An aqueous composition as claimed in claim 5 which further comprises 1.0% to 6. 10.0% by weight of one or more filler materials/based on the total weight of the composition.

- 7. The method of assisting complete combustion of a material, said method comprising the step of applying to the material, a film of aqueous composition which comprises 1.0 to 10.0% by weight of polyvinyl alcohol, 10.0 to 35.0% by weight of a hydrocarbon wax, and the balance of water, wherein all weight percentages are based on the total weight of the composition.
- 8. A method as claimed in claim 7 wherein said composition is in the form of an emulsion.
- 9. A method as claimed in claim 7 wherein said composition also includes 1.0 to 10.0 % by weight of a filler material, based on the total weight of the composition.
- A method as claimed in claim 7 wherein said composition comprises 2 to 4.5% by 10. weight of polyvinyl alcohol, 16 to 26% by weight of a hydrocarbon wax, 0 to 0.505 by weight of a biocide, and the balance of water.
- 11. A method as claimed in claim/7 wherein the composition is applied by means of spraying on the material



Air Quality Regulations.

A method as claimed in claim 7 wherein said method complies with the Federal

- 14. The aqueous synfuel composition as in claim 1 and including a percentage of polyvinyl acetate in said composition.
- 15. The aqueous synfuel composition of claim 14 wherein said percentage of polyvinyl acetate is 13%.
- 16. The aqueous synfuel composition of claim 1 and including raw coal added to said composition.
- 17. The composition of claim 16 and including polyvinyl acetate.
- 18. The composition of claim 17 wherein the percentage of polyvinyl acetate is 10%.
- 19. The composition of claim 16 wherein the range of polyvinyl acetate is from 0% to 20%.
- 20. The composition of claim 16 wherein said coal is high density coal.

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